Application No.: 10/586,160

Office Action Dated: February 18, 2009

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-21. (canceled)

22. (Currently Amended) An apparatus comprising first and second components

having respective first and second mechanical coupling elements that cooperate to allow

relative movement of the first and second components, the first mechanical coupling element

comprising a recess formed therein and the second mechanical coupling element comprising

a projection adapted to be movably fitted in the recess,

wherein the first mechanical coupling element comprises a first conductive plate

positioned in the recess and the second mechanical coupling element comprises a second

conductive plate positioned on the projection, and the second conductive plate is configured

wherein each of the first and second mechanical coupling elements comprises a

corresponding signal coupler and the signal couplers cooperate to enable wireless wirelessly

couple coupling of a signal from one of the first and second components to the other of the

first and second components.

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Previously Presented) An apparatus according to claim 22, wherein at least one

of the first and second components has a data provider to communicate data to the other of

the first and second components via the wireless coupling provided by the first and second

couplers.

27. (Previously Presented) An apparatus according to claim 22, wherein at least one

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of the first and second components has a signal supplier coupled to one of the first conductive plate or the second conductive plate the signal coupler to supply a signal to be coupled to the other of the first and second components via the wireless coupling and at least one of the first

and second components is arranged to communicate data to the other by modulating that

signal.

28. (Previously Presented) An apparatus according to claim 22, wherein at least one

of the first and second components has a power deriver operable to derive a power supply for

that component from a signal coupled to that component from the other component via the

wireless coupling.

29. (Previously Presented) An apparatus according to claim 28, wherein the power

deriver comprises a rectifier.

30. (Previously Presented) An apparatus according to claim 28, wherein the power

deriver comprises a rectifier and a charge storer.

31. (Currently Amended) An apparatus according to claim 22, wherein the signal

couplers comprise electrical signal couplers providing first conductive plate and the second

conductive plate provide at least one of a capacitive and an inductive wireless coupling.

32. (Previously Presented) An apparatus according to claim 22, wherein the degree of

coupling between the first conductive plate and the second conductive plate signal couplers

varies with the relative positions and/or orientations of the first and second components and a

determiner is provided to determine the degree of coupling to determine information relating

to the relative positions and/or orientations of the first and second components.

33. (Previously Presented) An apparatus according to claim 22, wherein the first and

second mechanical coupling elements define at least one of a rotatable and a slidable

coupling.

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34. (Previously Presented) An apparatus according to claim 22, wherein the first and second mechanical coupling elements provide coaxial parts of a hinge.

35. (Previously Presented) An apparatus according to claim 22, wherein the first and

second mechanical coupling elements define a ball and socket arrangement.

36. (Previously Presented) An apparatus according to claim 22, wherein the first and

second mechanical coupling elements provide a sliding mechanical coupling allowing

relative sliding between the first and second components.

37. (Previously Presented) A apparatus according to claim 22, wherein the relative

positions and/orientations of the first and second components are fixed once the mechanical

coupling is made.

38. (Previously Presented) An apparatus according to claim 22, wherein the first and

second components are sub-systems or sub-assemblies.

39. (Previously Presented) An apparatus according to claim 22, wherein the second

component is a display device.

40. (Previously Presented) An apparatus according to claim 22, in the form of a

laptop, PDA, video display unit, video camera, or a GPS system.

41. (Previously Presented) A portable device in the form of the apparatus in

accordance with claim 22.

42. (Currently Amended) A method of wirelessly coupling a signal in an apparatus

having first and second components having respective first and second mechanical coupling

elements that cooperate to allow relative movement of the first and second components, the

first mechanical coupling element comprising a recess formed therein and the second

mechanical coupling element comprising a projection adapted to be movably fitted in the

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recess, the first mechanical coupling element comprising a first conductive plate positioned in the recess and the second mechanical coupling element comprising a second conductive plate positioned on the projection,

from a first component to a second component that is mechanically coupled to the first component to allow movement of at least one of the first and second components relative to the other, the method comprising wirelessly coupling the signal from the first component to the second component via the first conductive plate and the second conductive plate signal couplers comprised in the mechanical coupling of the first and second components.

43. (Currently Amended) An apparatus comprising first and second components having respective first and second mechanical coupling elements that cooperate to allow relative movement of the first and second components, the first mechanical coupling element comprising a recess formed therein and the second mechanical coupling element comprising a projection adapted to be movably fitted in the recess, wherein each of the first mechanical coupling element comprises signal coupling means having a first conductive device positioned in the recess and the second mechanical coupling element elements comprises a corresponding signal coupling means having a second conductive device positioned on the projection, and the signal coupling means is configured to wirelessly couple cooperate to enable wireless coupling of a signal from one of the first and second components to the other of the first and second components.